

O.I.P.E.

RAW SEQUENCE LISTING

DATE: 11/29/2001

PATENT APPLICATION: US/09/989,919

TIME: 10:43:06

Input Set : A:\DEX-289.ST25.txt

Output Set: N:\CRF3\11212001\I989919.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Macina, Roberto
4 Recipon, Herve
5 Pluta, Jason
6 Ghosh, Malavika
7 Sun, Yongming
8 Liu, Chenghua
10 <120> TITLE OF INVENTION: Compositions and Methods Relating to Colon Specific Genes
and Proteins
12 <130> FILE REFERENCE: DEX-0289
C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/989,919
C--> 14 <141> CURRENT FILING DATE: 2001-11-21
14 <150> PRIOR APPLICATION NUMBER: 60/252,505
15 <151> PRIOR FILING DATE: 2000-11-22
17 <160> NUMBER OF SEQ ID NOS: 124
19 <170> SOFTWARE: PatentIn version 3.1

ERRORED SEQUENCES

4564 <210> SEQ ID NO: 124
4565 <211> LENGTH: 764
4566 <212> TYPE: PRT
4567 <213> ORGANISM: Homo sapien
4569 <400> SEQUENCE: 124
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4575 Ser Thr Lys Ser Pro Ile Phe Gly Pro Glu Glu Val Asn Ser Val Glu
4576 20 25 30
4579 Gly Asn Ser Val Ser Ile Thr Cys Tyr Tyr Pro Pro Thr Ser Val Asn
4580 35 40 45
4583 Arg His Thr Arg Lys Tyr Trp Cys Arg Gln Gly Ala Arg Gly Gly Cys
4584 50 55 60
4587 Ile Thr Leu Ile Ser Ser Glu Gly Tyr Val Ser Ser Lys Tyr Ala Gly
4588 65 70 75 80
4591 Arg Ala Asn Leu Thr Asn Phe Pro Glu Asn Gly Thr Phe Val Val Asn
4592 85 90 95
4595 Ile Ala Gln Leu Ser Gln Asp Asp Ser Gly Arg Tyr Lys Cys Gly Leu
4596 100 105 110
4599 Gly Ile Asn Ser Arg Gly Leu Ser Phe Asp Val Ser Leu Glu Val Ser
4600 115 120 125
4603 Gln Gly Pro Gly Leu Leu Asn Asp Thr Lys Val Tyr Thr Val Asp Leu
4604 130 135 140
4607 Gly Arg Thr Val Thr Ile Asn Cys Pro Phe Lys Thr Glu Asn Ala Gln
4608 145 150 155 160
4611 Lys Arg Lys Ser Leu Tyr Lys Gln Ile Gly Leu Tyr Pro Val Leu Val
4612 165 170 175
4615 Ile Asp Ser Ser Gly Tyr Val Asn Pro Asn Tyr Thr Gly Arg Ile Arg
4616 180 185 190

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4619 Leu Asp Ile Gln Gly Thr Gly Gln Leu Leu Phe Ser Val Val Ile Asn
4620      195      200      205
4623 Gln Leu Arg Leu Ser Asp Ala Gly Gln Tyr Leu Cys Gln Ala Gly Asp
4624      210      215      220
4627 Asp Ser Asn Ser Asn Lys Lys Asn Ala Asp Leu Gln Val Leu Lys Pro
4628 225      230      235      240
4631 Glu Pro Glu Leu Val Tyr Glu Asp Leu Arg Gly Ser Val Thr Phe His
4632      245      250      255
4635 Cys Ala Leu Gly Pro Glu Val Ala Asn Val Ala Lys Phe Leu Cys Arg
4636      260      265      270
4639 Gln Ser Ser Gly Glu Asn Cys Asp Val Val Val Asn Thr Leu Gly Lys
4640      275      280      285
4643 Arg Ala Pro Ala Phe Glu Gly Arg Ile Leu Leu Asn Pro Gln Asp Lys
4644      290      295      300
4647 Asp Gly Ser Phe Ser Val Val Ile Thr Gly Leu Arg Lys Glu Asp Ala
4648 305      310      315      320
4651 Gly Arg Tyr Leu Cys Gly Ala His Ser Asp Gly Gln Leu Gln Glu Gly
4652      325      330      335
4655 Ser Pro Ile Gln Ala Trp Gln Leu Phe Val Asn Glu Glu Ser Thr Ile
4656      340      345      350
4659 Pro Arg Ser Pro Thr Val Val Lys Gly Val Ala Gly Ser Ser Val Ala
4660      355      360      365
4663 Val Leu Cys Pro Tyr Asn Arg Lys Glu Ser Lys Ser Ile Lys Tyr Trp
4664      370      375      380
4667 Cys Leu Trp Glu Gly Ala Gln Asn Gly Arg Cys Pro Leu Leu Val Asp
4668 385      390      395      400
4671 Ser Glu Gly Trp Val Lys Ala Gln Tyr Glu Gly Arg Leu Ser Leu Leu
4672      405      410      415
4675 Glu Glu Pro Gly Asn Gly Thr Phe Thr Val Ile Leu Asn Gln Leu Thr
4676      420      425      430
4679 Ser Arg Asp Ala Gly Phe Tyr Trp Cys Leu Thr Asn Gly Asp Thr Leu
4680      435      440      445
4683 Trp Arg Thr Thr Val Glu Ile Lys Ile Ile Glu Gly Glu Pro Asn Leu
4684      450      455      460
4687 Lys Val Pro Gly Asn Val Thr Ala Val Leu Gly Glu Thr Leu Lys Val
4688 465      470      475      480
4691 Pro Cys His Phe Pro Cys Lys Phe Ser Ser Tyr Glu Lys Tyr Trp Cys
4692      485      490      495
4695 Lys Trp Asn Asn Thr Gly Cys Gln Ala Leu Pro Ser Gln Asp Glu Gly
4696      500      505      510
4699 Pro Ser Lys Ala Phe Val Asn Cys Asp Glu Asn Ser Arg Leu Val Ser
4700      515      520      525
4703 Leu Thr Leu Asn Leu Val Thr Arg Ala Asp Glu Gly Trp Tyr Trp Cys
4704      530      535      540
4707 Gly Val Lys Gln Gly His Phe Tyr Gly Glu Thr Ala Ala Val Tyr Val
4708 545      550      555      560
4711 Ala Val Glu Glu Arg Lys Ala Ala Gly Ser Arg Asp Val Ser Leu Ala
4712      565      570      575
4715 Lys Ala Asp Ala Ala Pro Asp Glu Lys Val Leu Asp Ser Gly Phe Arg

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4716          580          585          590
4719 Glu Ile Glu Asn Lys Ala Ile Gln Asp Pro Arg Leu Phe Ala Glu Glu
4720          595          600          605
4723 Lys Ala Val Ala Asp Thr Arg Asp Gln Ala Asp Gly Ser Arg Ala Ser
4724          610          615          620
4727 Val Asp Ser Gly Ser Ser Glu Glu Gln Gly Gly Ser Ser Arg Ala Leu
4728 625          630          635          640
4731 Val Ser Thr Leu Val Pro Leu Gly Leu Val Leu Ala Val Gly Ala Val
4732          645          650          655
4735 Ala Val Gly Val Ala Arg Ala Arg His Arg Lys Asn Val Asp Arg Val
4736          660          665          670
4739 Ser Ile Arg Ser Tyr Arg Thr Asp Ile Ser Met Ser Asp Phe Glu Asn
4740          675          680          685
4743 Ser Arg Glu Phe Gly Ala Asn Asp Asn Met Gly Ala Ser Ser Ile Thr
4744          690          695          700
4747 Gln Glu Thr Ser Leu Gly Gly Lys Glu Glu Phe Val Ala Thr Thr Glu
4748 705          710          715          720
4751 Ser Thr Thr Glu Thr Lys Glu Pro Lys Lys Ala Lys Arg Ser Ser Lys
4752          725          730          735
4755 Glu Glu Ala Glu Met Ala Tyr Lys Asp Phe Leu Leu Gln Ser Ser Thr
4756          740          745          750
4759 Val Ala Ala Glu Ala Gln Asp Gly Pro Gln Glu Ala
4760          755          760

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E--> 4763 1
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E--> 4769 1
E--> 4772 1
E--> 4775 1
E--> 4778 34

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delete

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/989,919

DATE: 11/29/2001

TIME: 10:43:08

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Output Set: N:\CRF3\11212001\I989919.raw

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:236 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:675 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:1599 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:1781 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1783 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1785 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1787 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:2416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:4763 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:124
M:332 Repeated in SeqNo=124